



Mars Geography: Mountains

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The picture right shows the Libya Montes, examples of mountains on Mars. The Libya Montes were formed by a giant impact. The mountains and valleys were subsequently modified and eroded by other processes, including wind, impact cratering, and flow of liquid water to make the many small valleys that can be seen running northward in the scene. This picture covers nearly 122,000 square kilometers (47,000 square miles).



Mountains on Mars. NASA/JPL.

The Benchmark Lessons were developed with the help of the following sources:

Bill Arnet's "The Nine Planets" website, <http://nineplanets.org>

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JPL's Planetary Photojournal, <http://photojournal.jpl.nasa.gov/>

Mars Pathfinder Science Results Directory,
<http://mars.jpl.nasa.gov/MPF/science/science-index.html>

The NASA Image Exchange, <http://nix.nasa.gov/>

Zeilik, Michael, Gregory, Stephen A., and Smith, Elske v. P. *Introductory Astronomy and Astrophysics*. Saunders College Publishing, Harcourt Brace Jovanovich C College Publishers, Austin, 1992.

Mission to Mars: Project Based Learning: Dr. Anthony Petrosino, Department of Curriculum and Instruction,
College of Education, University of Texas at Austin,
<http://www.edb.utexas.edu/missiontomars/index.html>
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